

# Zoning & Subdivision Report

Planning & Development Department ~ 417/864-1611  
840 Boonville Avenue ~ Springfield, Missouri 65801

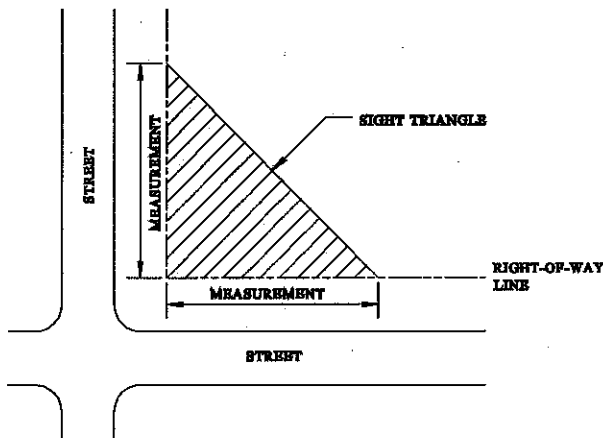
## ZONING ORDINANCE AMENDMENT: SIGHT TRIANGLES

**DATE:** October 29, 2009

**PURPOSE:** To amend the Zoning Ordinance to allow modifications in the sight triangle requirements under certain conditions.

### STAFF COMMENTS:

A sight triangle is the area at a street or driveway intersection that must remain clear of sight obstructions. This allows a driver approaching an intersection to better observe the actions of vehicles approaching to their right or left so the driver can enter the intersection safely. Standards for street intersection sight triangles are based on the street classification as identified in the *Major Thoroughfare Plan*. The following figure depicts a sight triangle.



In some cases, a modified sight triangle may be acceptable if it provides for clear sight and safety. This amendment provides for a process whereby the Administrative Review Committee may, with concurrence of the City Traffic Engineer, modify the Sight Triangle Requirements if it can be demonstrated that the modified sight triangle will provide clear sight and safety.

**RECOMMENDATION:** Staff recommends approval.

**STAFF CONTACT PERSON:**

Alana D. Owen, AICP  
Senior Planner

ATTACHMENT A  
PROPOSED AMENDMENT

New text is underlined and deleted text is ~~overstruck~~

## **Section 5-1300. Supplemental Open Space and Yard Regulations**

### **5-1306.B. Sight Triangles**

1. **Street Intersections.** Standards for street intersection sight triangles shall reflect the street classification as identified in the *Major Thoroughfare Plan*. The conditions below indicate the minimum requirements for sight triangles as measured along the required right-of-way (Figure 5-5). The City Traffic Engineer may require additional triangle area for clear sight and safety as determined by a traffic study for special conditions. The Administrative Review Committee may, upon concurrence of the City Traffic Engineer, modify the Sight Triangle Requirements if it can be demonstrated that the modified Sight Triangle will provide clear sight and safety.
2. **Street/Driveway Intersections.** A street/driveway sight triangle is the triangle formed by the intersection of a public street and a driveway where the triangle area is that area encompassed within two intersecting lines formed by the edge of the pavement, curb, roadway, or projection thereof, and extending forty (40) feet down the street from the right edge of the driveway when standing in the driveway facing the street, and extending twelve (12) feet from the edge of the street up the driveway pavement, and a third imaginary line connecting the extremities of the other two without overlaying the pavement. On the left side of the driveway, the triangle shall be calculated by measuring sixty-five (65) feet down the street pavement from the edge of the driveway and measuring twelve (12) feet down the driveway pavement from the edge of the street, and a third imaginary line connecting the extremities of the other two without overlaying the pavement (Figure 5-6). The Administrative Review Committee may, upon concurrence of the City Traffic Engineer, modify the sight triangle requirements of this section if it can be demonstrated that the modified sight triangle will provide clear sight and safety.